



INSTALL 6A & 3B IN—
EXISTING 2" GSC
(EXISTING CONDUCTORS
TO REMAIN)

INSTALL 3A IN EXISTING
1 1/2" GSC (1A EXISTING
IN CONDUIT TO REMAIN)

NOTE:
1. FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES, SEE DWG E-1.

- CIRCUIT LEGEND:**
- CIRCUIT DESIGNATION**
 - STR - X
 - CIRCUIT NUMBER OR NAME**
 - A TO G - STROBE AND SPEAKER CIRCUIT NUMBER
 - ATC - CIRCUIT TO ADDRESSABLE TERMINAL STRIP CABINET
 - PS - CIRCUIT TO PULL STATIONS
 - ELEV - CIRCUIT TO ELEV LOBBY & ELEV MACHINE ROOM SMOKE DETECTORS
 - HVAC - CIRCUIT TO HVAC SMOKE DETECTORS
 - AREA - CIRCUIT TO OPEN AREA SMOKE DETECTORS
 - TYPE OF CIRCUIT**
 - STR - STROBE CIRCUIT
 - SPK - SPEAKER CIRCUIT
 - ALD - ALD LOOP DEVICE (EXCEPT SMOKE DETECTOR) CIRCUIT
 - SD - SMOKE DETECTOR CIRCUIT

Sheet **13** of **21**

**THE PORT AUTHORITY
OF NY & NJ**

Peter K. Sweeney
ENGINEERING PROGRAM MANAGER

J. B. Sullivan
CHIEF ELECTRICAL ENGINEER

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS SUBSTITUTING A PART OF CONTRACT NO. IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 7-15-97 *[Signature]* SPEC. 100181

DATE 7/18/97 *[Signature]* ENGINEER OF DESIGN

No.	Date	Revision	Approved

**Engineering Department
Design Divisions**

The World Trade Center

Title

**FIRE ALARM SYSTEM
DEVICE UPGRADE
PHASE III**

ELECTRICAL

**1 WTC
72nd FLOOR
RISER DIAGRAM**

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

S. FELDSTEIN B. FALDU *Jm*
Designed by Drawn by Checked by

Date 2/4/97 Scale NONE

Contract Number WTC-861.077 Drawing Number E-12